

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 7	
2. Amendment/Modification No. P00001		3. Effective Date 2007JUN22		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By U.S. ARMY TACOM LCMC AMSTA-AQ-ASGD HARMONY HUNSANGER (586)574-7239 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL WEAPON SYSTEM: WPN SYS: 00 EMAIL: HARMONY.HUNSANGER@US.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) DCMA DETROIT U.S. ARMY TANK & AUTOMOTIVE COMMAND (TACOM) ATTN: DCMAE-GJD WARREN, MI 48397-5000		Code S2305A	
				SCD C PAS NONE ADP PT HQ0337			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) SOAR TECHNOLOGY INC. 3600 GREEN COURT, SUITE 600 ANN ARBOR, MI 48105-2588 TYPE BUSINESS: Other Small Business Performing in U.S.				<input type="checkbox"/>		9A. Amendment Of Solicitation No.	
				<input type="checkbox"/>		9B. Dated (See Item 11)	
				<input checked="" type="checkbox"/>		10A. Modification Of Contract/Order No. W56HZV-07-C-0053	
				<input type="checkbox"/>		10B. Dated (See Item 13) 2006NOV20	
Code 1C4L4		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required) ACRN: AB NET INCREASE: \$49,988.00							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS							
KIND MOD CODE: G It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/>		A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A.				The Changes Set Forth In Item 14 Are Made In	
<input type="checkbox"/>		B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).					
<input checked="" type="checkbox"/>		C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: Option Exercise per H.1.1					
<input type="checkbox"/>		D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
SEE SECOND PAGE FOR DESCRIPTION							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print) MICHAEL L. CIONI MICHAEL.CIONI@US.ARMY.MIL (586)574-7070			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed 2007JUN22	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-07-C-0053 MOD/AMD P00001	Page 2 of 7
Name of Offeror or Contractor: SOAR TECHNOLOGY INC.		

SECTION A - SUPPLEMENTAL INFORMATION

PROGRAM: Task Examination/Aggregation/Learning (TEAL) to Support Adjustable Autonomy

PURPOSE OF MODIFICATION: Exercise of Option and Administrative Changes

PRIOR CONTRACT ACTION: \$ 69,999

AMOUNT THIS ACTION: \$ 49,988

CURRENT CONTRACT AMOUNT: \$119,987

1. The purpose of this unilateral modification P00001 is to exercise the Phase I option in accordance with the Option Provision in Section H as well as make administrative updates.
2. Section B is revised to establish CLIN 0004 and SubCLINs 0004AA and 0004AB to provide funding for the Option Interim Report and the Option Addendum to the Final Report.
3. Section F is revised to add CLIN 0004 to F.3 Performance - Option.
4. Section G is revised to (i) add accounting and appropriations data for the funds being added under this Modification P00001 for the Phase I option, and (ii) update the Communications clause, 52.242-4016, to reflect the change in Administrative Contracting Officer (ACO), and corresponding contact information, from Justin Miller to Carrie Zunk.
5. Section J, Exhibit A Contract Data Requirements List (CDRL), is revised to reflect the change in Contract Specialist.
6. As a result of this Modification P00001 the total contract value is increased by \$49,988, to the new total contract amount of \$119,987.
7. All other terms and conditions of this contract remain unchanged.

*** END OF NARRATIVE A0001 ***

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Name of Offeror or Contractor: SOAR TECHNOLOGY INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>FY 07 PH I SBIR: SOAR TECHNOLOGY</u></p> <p>NOUN: OPTION EXERCISE SECURITY CLASS: Unclassified</p> <p>Contractor shall furnish all the supplies and services to accomplish the effort specified in paragraphs C.4 through C.5 of the Contract</p> <p>(End of narrative B001)</p>				
0004AA	<p><u>SERVICES LINE ITEM</u></p> <p>NOUN: PH I OPTION SOAR TECHNOLOGY PRON: R372C272R3 PRON AMD: 01 ACRN: AB AMS CD: 665502M4000</p> <p>Supplies/Services in support of Option Interim Addendum to Final Technical Report (A001) (See B.1)</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 0 SEE SECTION F</p> <p>\$ 24,994.00</p>				\$ 24,994.00
0004AB	<p><u>SERVICES LINE ITEM</u></p> <p>NOUN: PH I OPTION SOAR TECHNOLOGY PRON: R372C272R3 PRON AMD: 01 ACRN: AB AMS CD: 665502M4000</p> <p>Supplies/Services in support of Option Final Addendum to Final Technical Report (A001) (See B.1)</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u></p>				\$ 24,994.00

Name of Offeror or Contractor: SOAR TECHNOLOGY INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	INSPECTION: DestinationACCEPTANCE: Destination <u>Deliveries or Performance</u> DLVR SCHPERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 0010SEE SECTION F \$24,994.00				

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SECTION F - DELIVERIES OR PERFORMANCE

DELIVERIES OR PERFORMANCE

- F.1 Delivery
- F.1.1 All items other than data (if any) called for in the Contract shall be delivered FOB Destination to:

U.S. Army Tank Automotive Research, Development and Engineering Center
ATTN: Dmitri Nguyen, AMSRD-TAR-R MS 264
Warren, Michigan 48397-5000
- F.1.2 Delivery of Data set forth in the Contract shall be in accordance with the Contract Data Requirements List, DD Form 1423.
- F.2 Performance - CLINS 0001 and 0002
- F.2.1 The period of performance shall be six (6) months from date of award, including submission of final technical report.
- F.2.2 The Contractor shall prepare and submit a final technical report in contractor format addressing all of the work performed against the Scope of Work during the contract in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423-1). Acceptance of final report will constitute completion of basic contract period.
- F.3 Performance - Option Effort - CLIN 0004* (Ref. C.5 and H.1)
- F.3.1 The period of performance shall be four (4) months from date of option exercise, including submission of the Addendum to the Final Technical Report.
- F.3.2 If exercised, the contractor shall submit an interim Addendum to the Final Technical Report and an Addendum to the Final Technical Report in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423-1). Acceptance of final addendum will constitute completion of option period.
- F.4 Project Summary Report: The contractor shall prepare and submit a Project Summary Report in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423-1).

* Revised by Modification P00001

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SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/ AMS CD/		OBLG STAT/			INCREASE/DECREASE		CUMULATIVE
ITEM	MIPR	ACRN	JOB ORD NO		PRIOR	AMOUNT	AMOUNT	AMOUNT
0004AA	R372C272R3 665502M4000	AB	2 72C272	\$	0.00	\$	24,994.00	\$ 24,994.00
0004AB	R372C272R3 665502M4000	AB	2 72C272	\$	0.00	\$	24,994.00	\$ 24,994.00
NET CHANGE						\$	49,988.00	

SERVICE	NET CHANGE					ACCOUNTING	INCREASE/DECREASE
<u>NAME</u>	<u>BY</u>	<u>ACRN</u>	<u>ACCOUNTING CLASSIFICATION</u>			<u>STATION</u>	<u>AMOUNT</u>
Army	AB	21	72040000076N6N7EP665502255Y	S20113		W56HZV	\$ <u>49,988.00</u>
NET CHANGE							\$ 49,988.00

				PRIOR AMOUNT		INCREASE/DECREASE		CUMULATIVE	
				<u>OF AWARD</u>		<u>AMOUNT</u>		<u>OBLIG AMT</u>	
NET CHANGE FOR AWARD:				\$	69,999.00	\$	49,988.00	\$	119,987.00

<u>ACRN</u>	<u>EDI ACCOUNTING CLASSIFICATION</u>							
AB	21	070820400000	S20113	76N6N7E665502M4000255Y	72C272S20113	W56HZV		
		<u>Status</u>	<u>Regulatory Cite</u>	<u>Title</u>			<u>Date</u>	
G-1 CHANGED		52.242-4016	COMMUNICATIONS				MAY/2000	

Communications on technical matters pertaining to the contract shall be direct between the contractor and the Technical Representative. Communications for the Technical Representative shall be addressed to:

Name: Dmitri Nguyen
E-mail: nguyend@tacom.army.mil

The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: Carrie Zunk*
E-mail: Carrie.Zunk@dcma.mil*

Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

* Revised by Modification P00001

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SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Exhibit A	CONTRACT DATA REQUIREMENTS LIST (DD FORM 1423)		003	EMAIL

CONTRACT DATA REQUIREMENT LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

NOTE TO BUYER: PLEASE UPDATE CONTACTS/REFERENCES FOR YOUR SPECIFIC CONTRACT (AND DELETE THIS LINE)

A. CONTRACT LINE ITEM NO.: 0002 D. SYSTEM/ITEM.....:
B. EXHIBIT : A E. CONTRACT/PR NO.: W56HZV-07-C-0053
C. CATEGORY.....: F. CONTRACTOR.....: SOAR TECHNOLOGY INC.

1. DATA ITEM NO.: A001
2. TITLE OF DATA ITEM : SCIENTIFIC AND TECHNICAL REPORT
3. SUBTITLE:

4. AUTHORITY: DI-ADMN-81250A
5. CONTRACT REFERENCE: C.2 and C.5
6. REQUIRING OFFICE .: AMSRD-TAR-R 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY: SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE: A 11. AS OF DATE:

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

CONTRACTING OFFICER'S REPRESENTATIVE, Mr. DEMITRI NGUYEN, EMAIL: DEMITRI.NGUYEN@US.ARMY.MIL
CONTRACT SPECIALIST, HARMONY HUNSANGER EMAIL: HARMONY.HUNSANGER@US.ARMY.MIL*

15. TOTAL:

16. REMARKS:

- a. The 1st Interim Technical Report shall be delivered 2 months after date of contract award
- b. The 2nd Interim Technical Report shall be delivered 4 months after date of contract award.
- c. The Draft of the Final Technical Report shall be delivered 5 months and 1 week after date of contract award. The draft report shall include a completed Standard Form (SF) 298 (Report Documentation Page) as the report's cover sheet. The COR will review the draft report and respond to the contractor within 7 days of receipt with comments. The contractor shall submit the Final Technical Report (with the completed SF 298) within 14 days after receipt of draft comments/approval. The Final Technical Report shall be in contractor format and shall address technical information/results of the work performed against Phase I basic contract period.
- d. Option CLIN Interim Addendum to the Final Technical Report shall be delivered 2 months after date of Option exercise.
- e. Option CLIN Final Addendum: The Draft Final Addendum to the Final Technical Report (with a completed SF 298) shall be delivered three (3) months and one (1) week after the date of the Option exercise. The COR will review and respond to the contractor within seven (7) days of receipt. The contractor shall submit the final addendum (with the completed SF 298) within fourteen (14) days after receipt of draft comments/approval. Note: The Final Addendum shall be in contractor format and discuss not only the work accomplished during the Phase I basic contract period, but also explain how the Option Period effort ties into the basic contract period effort and the planned Phase II effort.
- f. You may download the SF 298 from the following internet address:

<http://www.dtic.mil/dtic/forms/sf298template.doc>

Instructions for completing the SF 298 are provided as Attachment 1 to the Contract.

* Revised by Modification P00001

Here are some additional instructions for completing the SF 298 form that apply when submitting reports under the SBIR Program:

For each unclassified report, the Contractor shall fill in Block 12a (Distribution/Availability Statement) of the SF 298 with one of the following statements:

- (a) Approved for public release; distribution unlimited.
- (b) Distribution authorized to U.S. Government Agencies only; contains proprietary information

Note: After reviewing the Contractor's entry in Block 12a, TARDEC has final responsibility for assigning a distribution statement. The contractor shall mark the actual report itself in accordance with the appropriate legends set forth in DFARS 252.227-7018, "RIGHTS IN NONCOMMERCIAL TECHNICAL DATA AND COMPUTER SOFTWARE -- SMALL BUSINESS INNOVATIVE RESEARCH (SBIR) PROGRAM".

Block 13 (Abstract) of the SF 298 must include the first sentence, "Report developed under SBIR contract for topic (insert topic number)." The abstract must identify the purpose of the work and briefly describe the work carried out, the finding or results, and the potential applications of the effort. Since the Department of Defense (DOD) will be publishing the abstract, it must not contain any proprietary or classified data.

Block 14 (Subject Terms) of the SF 298 must include the term "SBIR Report."

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A002
2. TITLE OF DATA ITEM : Research and Development (R&D) Project Summary
3. SUBTITLE:

4. AUTHORITY: DI-MISC-81612A (T)
5. CONTRACT REFERENCE: C.6
6. REQUIRING OFFICE: AMSRD-TAR-R 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB: SEE ITEM 16
7. DD250 REQ: DD 10. FREQUENCY : SEE ITEM 16 13. DATE OF SUBS. SUB: SEE ITEM 16
8. APP CODE: A 11. AS OF DATE:

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

CONTRACTING OFFICER'S REPRESENTATIVE, Mr. DEMITRI NGUYEN, EMAIL: DEMITRI.NGUYEN@US.ARMY.MIL
CONTRACT SPECIALIST, HARMONY HUNSANGER, EMAIL: HARMONY.HUNSANGER@US.ARMY.MIL*

15. TOTAL:

16. REMARKS:

- a. DID DI-MISC-81612A is tailored by deleting the underlined text as noted in Attachment 002 to the contract.
- b. The contractor must submit a publicly releasable SBIR Phase I R&D Project Summary at the end of contract. The summary is an unclassified, non-sensitive, and non-proprietary summation of results that is intended for public viewing on the Army SBIR / STTR Small Business Portal. It should address the Data Item requirements on a summary basis and must not exceed 700 words.

Since the Department of Defense (DOD) will be publishing the summary, it must not contain any proprietary, classified, or ITAR restricted data. The summary must be submitted electronically and be in HTML format.

The Contractor shall deliver draft R&D Project Summary five (5) months and one (1) week after contract award. The COR will review the draft report and respond to the Contractor within seven (7) days of receipt with comments. The Contractor shall submit final "SBIR Phase I R&D Project Summary" within fourteen (14) days after receipt of draft comments/approval. (6 months after contract award)

If an option is exercised, the contractor shall deliver a draft addendum to the previously submitted Project Summary three (3) months and one (1) week after exercise of option. The COR will review the draft addendum and respond to the Contractor within seven (7) days of receipt with comments. The Contractor shall submit the final addendum fourteen (14) days after receipt of draft comments/approval. (4 months after option exercise)

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

* Revised by Modification P00001

***** THE FOLLOWING INSTRUCTION APPLIES TO ALL REPORT(S) DELIVERABLE UNDER THE CONTRACT *****

Prepare the reports in Contractor format. Submit the reports using any of the following electronic formats:

- (1) Files readable using these Microsoft* Office XP or Microsoft* Office 2002 & lower Products: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print or scan images of spreadsheets are not acceptable. Please see security note below for caution regarding use of macros.
- (2) Files in Adobe PDF (Portable Document Format). When scanning documents, scanner should be set to 200 dots per inch.
- (3) Files in HTML (Hypertext Markup Language) Format. HTML documents must not contain active links to Internet websites or webpages for reference information. All linked information must be contained within your electronic report, and be accessible offline.
- (4) Other electronic formats. Before preparing your report in any other electronic format, please e-mail the COR, with an e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the COR not later than ten (10) calendar days before the draft report's due date. All alternate methods must be at no cost to the Government.
- (5) Please note that we can no longer accept .zip files due to increasing security concerns.

NOTE. Macros: The virus scanning software used by our e-mail systems cannot always distinguish a macro from a virus. Therefore, sending a macro embedded in an e-mail message or an e-mail attachment may cause the e-mail report to be quarantined.

d. Acceptable media: The Contractor shall submit reports via e-mail. If e-mail is not workable, other acceptable media include 3 1/2 inch disk, or 650 megabyte CD ROM. Identify the software application and version used to create each file submitted.

- (1) E-MAIL. Maximum size of each e-mail message shall be three and one-half (3.5) megabytes. Previously "zipped" files were accepted, but due to security concerns these zipped attachments cannot be received through our mail system. You may use multiple e-mail messages if necessary, however, you must annotate the subject lines in this manner: "Message 1 of 3, 2 of 3, 3 of 3."
- (2) 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM via U.S. Mail or other carrier. The Contractor shall label all submitted disks with the Contract number, the Contractor's name and address, and a contact's phone number. Exterior mailing envelopes containing disks must be addressed to the following address:

DEMITRI NGUYEN AMSRD-TAR-R MS/264
U.S. Army TACOM LCMC
6501 East 11 Mile Road
Warren, MI 48397-5000

NOTE: Please select only one type of electronic media to transmit each report. For instance, do not submit a report via e-mail and CD-ROM.